

Sufco Mine

597 South SR24 Salina, Utah 84654 (435) 286-4880 Fax (435) 286-4499

March 6, 2019

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**DIV OF OIL, GAS & MINING** 

Utah Coal Program
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Program Supervisor:

Enclosed are Quarterly inspection reports for Canyon Fuel Company's SUFCO Mine: Minesite Primary Sedimentation Pond, Minesite Sedimentation Overflow Pond, Waste Rock Disposal Site and the associated Waste Rock North and South Sedimentation Pond.

These certifications are being submitted prior to SUFCO's Annual Report as required by R645-514.

Sincerely, CANYON FUEL COMPANY, LLC SUFCO Mine

Pacob D. Smith, P.E.

Technical Services Manager

JDS:jn

cc:

DOGM Sediment Pond Inspection File

Amanda Richard

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# Coal Refuse Pile Quarterly Inspection Report

1. Foundation Preparation (vegetation, topsoil r  2. Lift Thickness (inches) 12 (+ or - 1 Ft  3. Compaction  4. Burning (specify extent and location)  None Observed  5. Angle of Slope 2:1  6. Seepage (specify location, color, & appr. vol  None Observed  7. Cracks or Scarps (location and size)  None Observed	Yes X No  compacted)  X Yes No  Yes X No
2. Lift Thickness (inches) 12 (+ or - 1 Ft  3. Compaction  4. Burning (specify extent and location)  None Observed  5. Angle of Slope 2:1  6. Seepage (specify location, color, & appr. vol  None Observed  7. Cracks or Scarps (location and size)  None Observed  8. Major Erosion Problems (location and extent)	Yes X No  compacted)  X Yes No Yes X No  ume)
3. Compaction  4. Burning (specify extent and location)  None Observed  5. Angle of Slope 2:1  6. Seepage (specify location, color, & appr. vol None Observed  7. Cracks or Scarps (location and size)  None Observed  8. Major Erosion Problems (location and extent)	X Yes No Yes X No ume)
4. Burning (specify extent and location)  None Observed  5. Angle of Slope 2:1  6. Seepage (specify location, color, & appr. vol None Observed  7. Cracks or Scarps (location and size)  None Observed  8. Major Erosion Problems (location and extent)	Yes X No
None Observed  5. Angle of Slope2:1  6. Seepage (specify location, color, & appr. vol None Observed  7. Cracks or Scarps (location and size)  None Observed  8. Major Erosion Problems (location and extent)	ume)
5. Angle of Slope 2:1 6. Seepage (specify location, color, & appr. vol None Observed 7. Cracks or Scarps (location and size) None Observed 8. Major Erosion Problems (location and extent)	ume)
5. Angle of Slope 2:1 6. Seepage (specify location, color, & appr. vol None Observed 7. Cracks or Scarps (location and size) None Observed 8. Major Erosion Problems (location and extent)	ume)
None Observed 7. Cracks or Scarps (location and size)  None Observed 8. Major Erosion Problems (location and extent)	
7. Cracks or Scarps (location and size)  None Observed  8. Major Erosion Problems (location and extent)	
None Observed  8. Major Erosion Problems (location and extent)	
8.Major Erosion Problems (location and extent)	Yes X No
None Observed	Yes X No
9.Water Impounding Against Toe	Yes X No
None Observed	
10. Any appearance of instability, structural we hazardous conditions	eakness or other Yes X No
None Observed	1000000
Jacob	LAL ENGINERS

Registration No. 9073281 State of Utah

	Rock Waste North Sediment Pond Quarterly Ins	pectio	on Report
Inspe	ectorAmanda Richard	Date	02/12/19
	Dam Structural Weakness		
Α.	Cracks or scarps on crest		Yes X No
	Nothing Observed		
В.	Cracks or scarps on slope		Yes X No
	Nothing Observed		
С.	Sloughing or bulging on slope	_	Yes X No
	Nothing Observed		
2.	Major Erosion Problems		Yes X No
	Nothing Observed		
<u> </u>			
3.	Surface Movements of Surrounding Slopes	_	Yes X No
	Nothing Observed		
-			
4	Visible Sumps or Sinkholes in Slurry Surface	e	Yes X No
	Nothing Observed		
-			
5.	Clogging		
Α.	Spillway channels and pipes	<del></del>	Yes X No
	Channels and pipes clear		
В.	Decant System		Yes X No
	Valve is locked		

(	C.	Diver	sion o	ditches			*			-	Yes X	No
		Cl	ear of	f Debri	s							
6.		Seepa	ge (Sr	pecify	Locat	ion,	Color	and	Appro	x. Vol	ume)	
										У	es <u>X</u> N	0
	No	thing	Obsei	rved								
72												
<i>)</i> =				_								
7.		Any a	ppeara	ance of	inst	abili	ty, st	ruct	ural	weakne	ss, or	
		other	hazar	dous c	ondit	ions				-	Yes X	No
-	Not	hing (	Observ	red					-			
=			***									
8.		Other	Comme	ents						Iú)		
_	The	re is	snow	in the	pond	and	around	l the	surr	oundin	g area.	
=												
=												
<u>.                                    </u>												
_												

Rock Waste South Sediment Pond Quarterly Inspection Report Inspector Amanda Richard Date 02/12/19 Dam Structural Weakness 1. Cracks or scarps on crest Yes X No Nothing Observed В. Cracks or scarps on slope Yes X No Nothing Observed Sloughing or bulging on slope С. Yes X No Nothing Observed 2. Major Erosion Problems Yes X No Nothing Observed Surface Movements of Surrounding Slopes Yes X No 3. Nothing Observed Visible Sumps or Sinkholes in Slurry Surface Yes X No 4. Nothing Observed 5. Clogging Spillway channels and pipes Α. Yes X No Channels and pipes clear Decant System Yes X No В. Valve is locked

C.		Diversion ditches	Yes X No
		Clear of Debris	
6.		Seepage (Specify Location, Color and Approx.	Volume)
			Yes X No
	No	othing Observed	
2			
7.		Any appearance of instability, structural wea	akness, or
		other hazardous conditions	Yes X No
=	Not	hing Observed	
9			
8.		Other Comments	
Ī		e is snow in the pond. Nothing is leaving the is functioning properly.	
-			
:=			

Minesite Primary Sediment Pond Quarterly Inspection Report Inspector Amanda Richard Date 03/2/19 1. Dam Structural Weakness Cracks or scarps on crest Α. Yes X No Nothing Observed В. Cracks or scarps on slope Yes X No Nothing Observed C. Sloughing or bulging on slope \_\_\_ Yes X No Nothing Observed 2. Major Erosion Problems \_\_\_\_Yes\_X No Nothing Observed 3. Surface Movements of Surrounding Slopes \_\_\_\_ Yes \_X No Nothing Observed 4. Visible Sumps or Sinkholes in Slurry Surface Yes X No Nothing Observed 5. Clogging Spillway channels and pipes Α. Yes X No No debris blocking spillway channels and pipes Decant System В. \_\_\_ Yes X No Valve is locked

	C.	Diversion ditches	Yes X No
		Clear of Debris	
6.	Seepa	ge (Specify Location, Color and Approx. Volume	e) Yes X No
		Nothing Observed	TCS A IVO
7.		ppearance of instability, structural weakness, other hazardous conditions  Nothing Observed	Yes X No
	Weir	,	es No
J.	E	Comments  verything seems to be operating normal. There ing the ground around the pond. The pond has r ce.	

M	linesite Sediment Overflow Pond Quarterly I	Inspecti	on Report
Inspec	ctorAmanda Richard	_ Date _	03/2/19
1.Dam	Structural Weakness		
А.	Cracks or scarps on crest	<del>-</del>	Yes X No
	Nothing Observed		
В.	Cracks or scarps on slope		Yes X No
	Nothing Observed		
С.	Sloughing or bulging on slope		Yes X No
	Nothing Observed		
_		Yes	
	Nothing Observed		
	ace Movements of Surrounding Slopes		
-	Nothing Observed		
1.Visi	ble Sumps or Sinkholes in Slurry Surface  Nothing Observed	Yes	X No
-			
.Clog	ging		
Α.	Spillway channels and pipes	-	Yes X No
	No debris blocking spillway channels	and pip	es.
В.	Decant System		Yes X No
	Valve is locked		

	C.	Diversion ditches	Yes X No			
		Clear of Debris				
6.	Seepa	age (Specify Location, Color and Approx.				
			Yes X No			
		Nothing Observed				
7.		ppearance of instability, structural wea	kness, or			
		other hazardous conditions	Yes X No			
		Nothing Observed				
8.	Weir	level	XYesNo			
9.	Other	Comments				
Everything seems to be operating normal. The overflow pond frozen and there is snow covering the ground.						